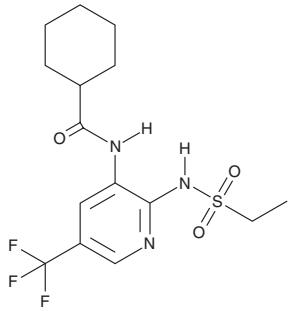
PRODUCT INFORMATION

Fuzapladib

Item No. 46447

CAS Registry No.:	141283-87-6
Formal Name:	N-[2-[(ethylsulfonyl)amino]-5-(trifluoromethyl)-3-pyridinyl]-cyclohexanecarboxamide
Synonyms:	IKV-741, IS-741
MF:	$C_{15}H_{20}F_3N_3O_3S$
FW:	379.4
Purity:	≥98%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Fuzapladib is supplied as a solid. A stock solution may be made by dissolving the fuzapladib in the solvent of choice, which should be purged with an inert gas. Fuzapladib is sparingly soluble (1-10 mg/ml) in ethanol and DMSO.

Description

Fuzapladib is a cell adhesion inhibitor.[1] It inhibits the adhesion of HL-60 cells to human umbilical vein endothelial cells (HUVECs) stimulated by LPS or TNF-α when used at a concentration of 1 µM. Fuzapladib (0.625-20 mg/kg) reduces pancreatic hemorrhage and necrosis and increases survival in a rat model of pancreatitis.[2] Fuzapladib also inhibits phospholipase A_2 (PLA_2; IC_{50} = 0.52 mM for porcine pancreatic PLA_2). Formulations containing fuzapladib have been used in the treatment of acute pancreatitis in dogs.

References

1. Shikama, H., Yotsuya, S., Satake, S., *et al.* Effect of IS-741 on cell adhesion between human umbilical vein endothelial cells and HL-60 cells. *Biol. Pharm. Bull.* **22(2)**, 127-131 (1999).
2. Kimura, H., Yotsuya, S., Yuki, S., *et al.* Synthesis and antipancreatitis activities of novel N-(2-sulfonylamino-5-trifluoromethyl-3-pyridyl)carboxamide derivatives as phospholipase A_2 inhibitors. *Chem. Pharm. Bull. (Tokyo)* **43(10)**, 1696-1700 (1995).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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